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## **FACSIMILE MEMORANDUM**

TO: Commissioner for Patents  
Attn: Anita D. Johnson

FACSIMILE NUMBER: (703) 746-6697

FROM: Alan J. Howarth, Ph.D.  
Clayton, Howarth & Cannon

DATE: October 15, 2002

RE: INTERACTION OF THE CYCLIC-AMP-SPECIFIC  
PHOSPHODIESTERASE PDE4DS WITH RACK 1  
Applicants: Graeme B. Bolger et al.  
Serial No.: 09/979,588  
International Filing Date: May 20, 2000  
Attorney Docket No.: T9046.A

NUMBER OF PAGES: 16 (INCLUDING COVER PAGE)

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Transmitted by: kd

Grant R. Clayton  
 Alan J. Howarth, Ph. D.  
 Karl R. Cannon  
 Clifford B. Vaterlaus  
 Terrence J. Edwards  
 Registered Patent Attorneys

Intellectual Property Law  
 Patents • Trademarks  
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 Litigation • Trade Secrets  
 Computer Law • Biotechnology  
 Unfair Competition • Enforcement

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October 15, 2002

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Box PCT  
 Commissioner for Patents  
 Washington, D.C. 20231  
 Attn: Anita D. Johnson

Re: **INTERACTION OF THE CYCLIC-AMP-SPECIFIC  
 PHOSPHODIESTERASE PDE4DS WITH RACK 1**  
 Applicants: Graeme B. Bolger et al.  
 Serial No.: 09/979,588  
 International Filing Date: May 20, 2000  
 Attorney Docket No.: T9046.A

Dear Sir:

Enclosed herewith are copies of the documents filed March 29, 2002, as part of the Response to Notice of Missing Requirements. These papers include the following:

1. Response to Notice of Missing Requirements;
2. Declaration and Petition;
3. Copy of the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US); and
4. Assignment and recordation form cover sheet (This assignment has been recorded at Reel 12874, Frame 750).

A copy of a return receipt postcard stamped April 17, 2002, indicating receipt of these documents by that Patent and Trademark Office is also enclosed.

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**CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being transmitted via facsimile to the Commissioner for Patents, Washington, D.C. 20231 to (703) 746-6697, on October 15, 2002.

  
 Alan J. Howarth  
 Registration No. 36,553

Commissioner for Patents  
October 15, 2002  
Page 2

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It appears that the PTO has inadvertently lost at least some of these documents. Issuance of an official Filing Receipt is respectfully requested.

Dated this 15<sup>th</sup> day of October, 2002.

Respectfully submitted,



Alan J. Howarth  
Attorney Registration No. 36,553

Clayton, Howarth & Cannon, P.C.  
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AJH/kd  
Enclosures

SAC:HC:Filed AT 9-11-02-11-10152002PTO.ltr.wpd

Attorney Docket No. T9046.A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	GRAEME B. BOLGER ET AL.	)
TITLE:	INTERACTION OF THE CYCLIC-AMP-SPECIFIC PHOSPHODIESTERASE PDE4D5 WITH RACK1	)
SERIAL NO.:	09/979,588	)
INT'L FILING DATE:	May 20, 2000	)
PRIORITY DATE:	May 20, 1999	)
ART UNIT:	)	)

Response to Notice of Missing Requirements

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Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Sir:

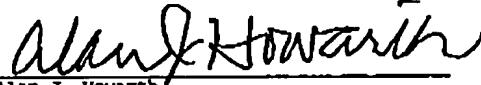
This communication is filed in response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed January 29, 2002.

The Notification acknowledged receipt of the following items:  
U.S. Basic National Fees, Indication of Small Entity Status,  
Priority Document, Biochemical Sequence Diskette, Biochemical

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CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, Box PCT, Washington D.C. 20231 on the 29th day of March, 2002.

  
\_\_\_\_\_  
Alan J. Howarth  
Attorney Registration No. 36,553

Sequence Listing, Copy of IPE Report, Copy of the International Application, and Copy of the International Search Report.

The Notification required the filing within two months of the mailing thereof, i.e., by March 29, 2002, of an oath or declaration of the inventions. Accordingly, enclosed herewith is a declaration signed by all of the inventors of the application.

A copy of the Notification is also enclosed herewith, as required.

Also enclosed is an Assignment and cover sheet for recordation, together with authorization to charge a deposit account for the fee associated therewith.

It is respectfully submitted that the priority date printed on the Notification is incorrect. The priority date claimed is May 20, 1999. Correction is respectfully requested.

DATED this 29<sup>th</sup> day of March, 2002.

Respectfully submitted,



\_\_\_\_\_  
Alan J. Howarth, Ph.D.  
Attorney Registration No. 36,553  
Customer No. 020450

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## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.	
09/979,588	Graeme B Bolger	T9046.A	
020450 ALAN J HOWARTH PO BOX 1909 SANDY, UT 84091		INTERNATIONAL APPLICATION NO. PCT/US00/03961	
		IA. FILING DATE 05/20/2000	PRIORITY DATE 02/14/2000
<b>CONFIRMATION NO. 2835</b> <b>371 FORMALITIES LETTER</b>  "0C00000007346584"			

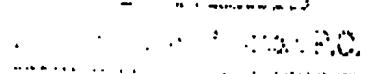
Date Mailed: 01/29/2002

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Indication of Small Entity Status
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report

FEB 06 2002



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and International filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

OCT-15-2002 TUE 03:41 PM COTTON HOWARTH CANNON

FAX NO. 255-5338

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Page 2 of 2

*A copy of this notice MUST be returned with the response.*

ANITA D JOHNSON

Telephone: (703) 305-3661

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/979,588	PCT/US00/03961	T9046.A

TO THE UNITED STATES PATENT AND  
TRADEMARK OFFICE: PLEASE STAMP AND  
RETURN. THANK YOU.

Client: University of Utah  
Applicant: Graeme B. Bolger et al.  
Serial No.: 09/979,588  
Internatl' Filing Date: May 20, 2000  
Title: INTERACTION OF THE CYCLIC-  
AMP-SPECIFIC  
PHOSPHODIESTERASE PDE4DS  
WITH RACKS  
Mailed: RECEIVED  
Docket: T9046A  
Submitted: APR 26 2002  
•Response to Notice of Missing  
Requirements, Howarth & Cannon, P.C.  
•Copy of Notice of Missing  
Requirements  
•Assignment and Cover Sheet  
•Certificate of Mailing

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JG02 Rec'd PCT/PTO 17 APR 2002